

LA

9	18	27	36	45	54
CTC GAG ATG CAG AGG AAC CTG GGA GCT GTG CTG GGG ATT CTG TGG GTG CAG ATT					
L E M Q R N L G A V L G I L W V Q I					
63	72	81	90	99	108
TGC TGG CTG AAA GAA CAG CAA GTG CAG CAG AGT CCC GCA TCC TTG GTT CTG CAG					
C W L K E Q Q V Q Q S P A S L V L Q					
117	126	135	144	153	162
GAG GGG GAG AAC GCA GAG CTC CAG TGT AGC TTT TCC ATC TTT ACA AAC CAG GTG					
E G E N A E L Q C S F S I F T N Q V					
171	180	189	198	207	216
CAG TGG TTT TAC CAA CGT CCT GGG GGA AGA CTC GTC AGC CTG TTG TAC AAT CCT					
Q W F Y Q R P G G R L V S L L Y N P					
225	234	243	252	261	270
TCT GGG ACA AAG CAG AGT GGG AGA CTG ACA TCC ACA ACA GTC ATT AAA GAA CGT					
S G T K Q S G R L T S T T V I K E R					
279	288	297	306	315	324
CGC AGC TCT TTG CAC ATT TCC TCC TCC CAG ATC ACA GAC TCA GGC ACT TAT CTC					
R S S L H I S S S Q I T D S G T Y L					
333	342	351	360	369	378
TGT GCC TCA AAT TCT GGA GGA AGC AAT GCA AAG CTA ACC TTC GGG AAA GGC ACT					
C A S N S G G S N A K L T F G K G T					
387	396	405	414	423	432
AAA CTC TCT GTT AAA TCA GGT GGC GGA GGG TCT GGC GGG GGT GGA TCC GGG GGT					
K L S V K S G G G G S G G G G S G G					
441	450	459	468	477	486
GGA GGC TCA GAG GCT GCA GTC ACC CAA AGC CCA AGA AAC AAG GTG GCA GTA ACA					
G G S E A A V T Q S P R N K V A V T					
495	504	513	522	531	540
GGA GGA AAG GTG ACA TTG AGC TGT AAT CAG ACT AAT AAC CAC AAC AAC ATG TAC					
G G K V T L S C N Q T N N H N N M Y					
549	558	567	576	585	594
TGG TAT CGG CAG GAC ACG GGG CAT GGG CTG AGG CTG ATC CAT TAT TCA TAT GGT					
W Y R Q D T G H G L R L I H Y S Y G					
603	612	621	630	639	648
GCT GGC AGC ACT GAG AAA GGA GAT ATC CCT GAT GGA TAC AAG GCC TCC AGA CCA					
A G S T E K G D I P D G Y K A S R P					

UX

LINKER

UB

AGC	GAA	GAG	AAC	TTC	TCC	CTC	ATT	TTG	GAG	TTG	GCT	ACC	CCC	TCT	GAT	ACA	TCA				
...				
S	Q	E	N	F	S	L	I	L	E	L	A	T	P	S	Q	T	S				
711				720				729				738				747				756	
GTG	TAC	TTC	TGT	GCC	AGC	GGT	GAG	ACA	GGG	ACC	AAC	GAA	AGA	TTA	TTT	TTC	GGT				
...				
V	Y	F	C	A	S	G	E	T	G	T	N	E	R	L	F	F	G				
765				774				783 ^{4PE}				792				801				810	
CAT	GGA	ACC	AAG	CTG	TCT	GTC	CTG	ACT	AGT	AAC	TCC	ATC	ATG	TAC	TTC	AGC	CAC				
...				
H	G	T	K	L	S	V	L	T	S	N	S	I	M	Y	F	S	H				
819				828				837				846				855				864	
TTC	GTG	CCG	GTC	TTC	CTG	CCA	GCG	AAG	CCC	ACC	ACG	ACG	CCA	GCG	CCG	CGA	CCA				
...				
F	V	P	V	F	L	P	A	K	P	T	T	T	P	A	P	R	P				
873				882				891				900				909				918	
CCA	ACA	CCG	GCG	CCC	ACC	ATC	GCG	TCG	CAG	CCC	CTG	TCC	CTG	GCG	CCA	TCT	AGT				
...				
P	T	P	A	P	T	I	A	S	Q	P	L	S	L	R	P	S	S				
1027				936				945				954				963				972	
TCT	AGA	GAT	CCC	AAA	CTC	TGC	TAC	CTG	CTG	GAT	GGA	ATC	CTC	TTC	ATC	TAT	GGT				
...				
S	R	D	P	K	L	C	Y	L	L	D	G	I	L	F	I	Y	G				
981				990				999				1008				1017				1026	
GTC	ATT	CTC	ACT	GCC	TTG	TTC	CTG	AGA	GTG	AAG	TTC	AGC	AGG	AGC	GCA	GAC	GCC				
...				
V	I	L	T	A	L	F	L	R	V	K	F	S	R	S	A	D	A				
1035				1044				1053				1062				1071				1080	
CCC	GCG	TAC	CAG	CAG	GGC	CAG	AAC	CAG	CTC	TAT	AAC	GAG	CTC	AAT	CTA	GGA	CGA				
...				
P	A	Y	Q	Q	G	Q	N	Q	L	Y	N	E	L	N	L	G	R				
1089				1098				1107				1116				1125				1134	
AGA	GAG	GAG	TAC	GAT	GTT	TTG	GAC	AAG	AGA	CGT	GGC	CGG	GAC	CCT	GAG	ATG	GGG				
...				
R	E	E	Y	D	V	L	D	K	R	R	G	R	D	P	E	M	G				
1143				1152				1161				1170				1179				1188	
GGA	AAG	CCG	AGA	AGG	AAG	AAC	CCT	CAG	GAA	GGC	CTG	TAC	AAT	GAA	CTG	CAG	AAA				
...				
G	K	P	R	R	K	N	P	Q	E	G	L	Y	N	E	L	Q	K				
1197				1206				1215				1224				1233				1242	
GAT	AAG	ATG	GCG	GAG	GCC	TAC	AGT	GAG	ATT	GGG	ATG	AAA	GGC	GAG	CGC	CGG	AGG				
...				
D	K	M	A	E	A	Y	S	E	I	G	M	K	G	E	R	R	R				
1251				1260				1269				1278				1287				1296	
GGC	AAG	GGG	CAC	GAT	GGC	CTT	TAC	CAG	GGT	CTC	AGT	ACA	GCC	ACC	AAG	GAC	ACC				
...				
G	K	G	H	D	G	L	Y	Q	G	L	S	T	A	T	K	D	T				
1305				1314				1323				1332				1341 ^{NE}				1350	
TAC	GAC	GCC	CTT	CAC	ATG	CAG	GCC	CTG	CCC	CCT	CGC	TAA	GCG	GCC	GCC	ACC	GCG				
...				
Y	D	A	L	H	M	Q	A	L	P	P	R	*	A	A	A	T	A				

FIGURE

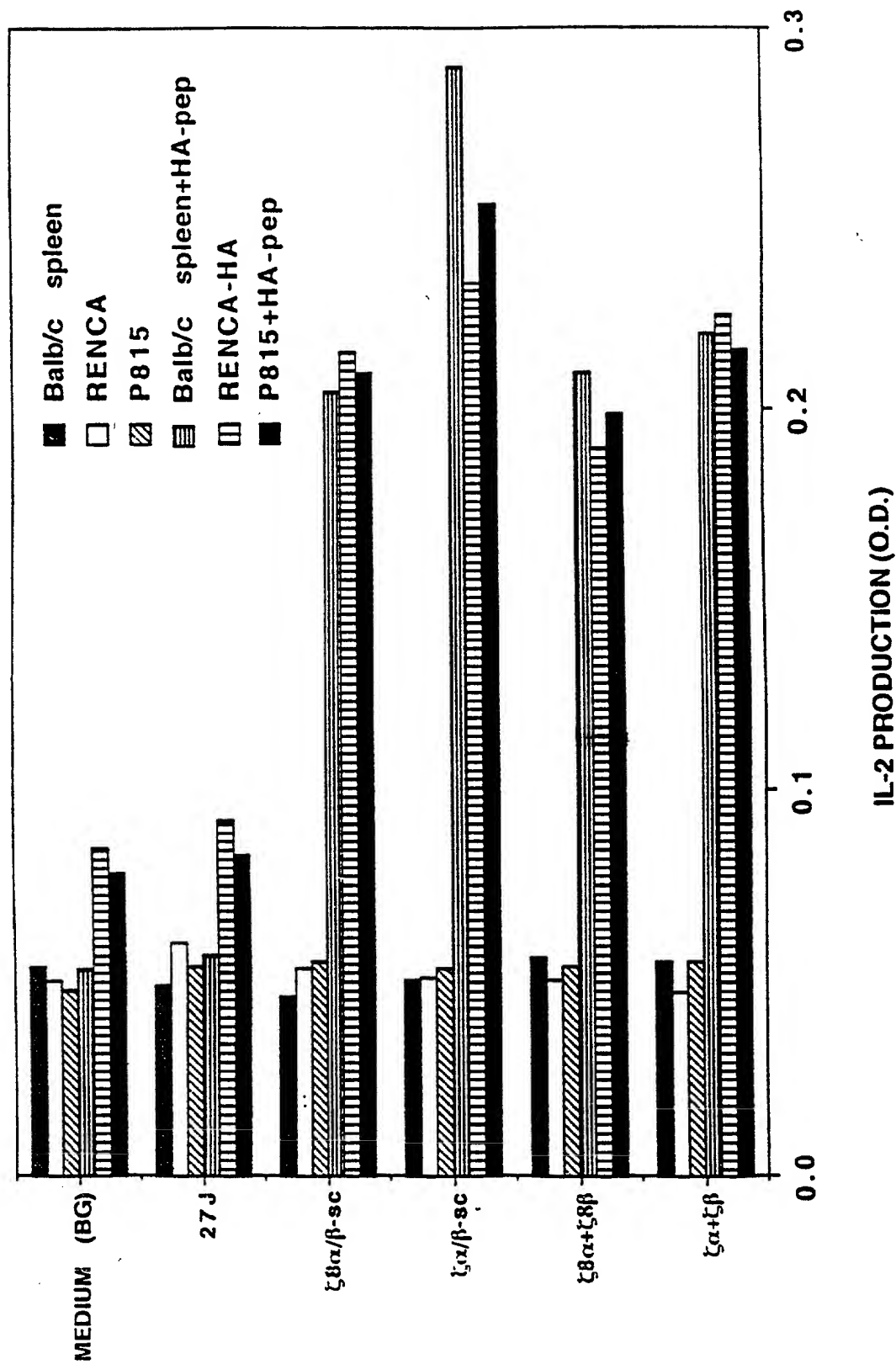
3B

013

CDS HINGE

Z chain.

STOP



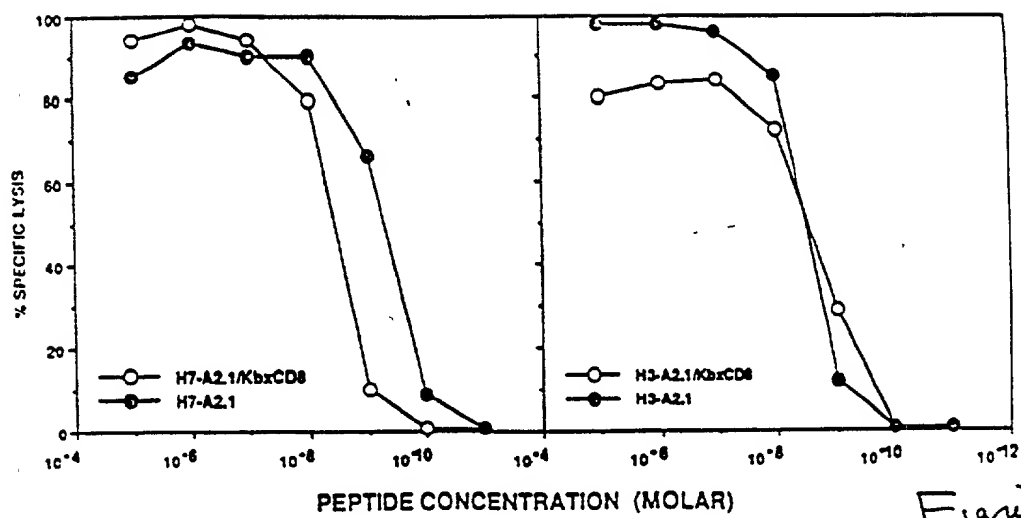


Figure 5

Va1 CCC AAG GCA CTG ATG TTC ATC TTC
 Va2 TGA GAC AAA GTC CCC AAT CTC TGA CAG
 Va3 CTG CAG CTG CTC CTC AAG TAC TAT TC
 Va4.1,2,3 TCC CGG AGA AGG TCC ACA GTT CCT CTT T
 Va4.4 GAA GCA GCA GAG GGT TTG AAG CCA CAT AC

2.
 Va5 GGC AGG TCT TCA GTT GCT TAT GAA GGT
 Va6 GGT TCC TCT TCA GGG TCC AGA ATA TGT
 Va7 GCG AAG AAC TCA CCC TGG ACT GTT CAT
 Va8 GAG CTC CAC AGA CAA CAA GAG GAC CGA GCA
 Va9 GAG CTG CGA CGT TCC TTA GTG ACT GTG

3.
 Va10 CCT CGT CAG CCT GTT GTC CAA TCC TTC TGG
 Va11 CAG CCT CAT CAA TCT GTT CTA CTT GGC T
 Va12 CCA CCA GGG ACC ACA GTT TAT CAT TCA A
 Va14 ACC TGG AGA GAA TCC TAA GCT CAT CAT
 Va15 AGG TCT TGT GTC CCT GAC AGT CCT GGT T

4.
 Va16 CAA GCA AAC ACT GTA GTG CAG AGC CCT TCC
 Va17 CAA GAC ATC CAT AAC TGC CCT ACA G
 Va18 GTG TAT GAA ACC CAG GAC AGT TCT TAC
 Va19 CCG TAT TTC TTT CTT ATG TTG TTT TGG AT
 Va20 CAA AGC TCT CCA TCG CTG ACT GTT CAA G

Beta Groups

1.
 Vβ1 ATC TAA TCC TGG GAA GAG CAA AT
 Vβ2 GGC GTC TGG TAC CAC GTG GTC AA
 Vβ3 GTG AAA GGG CAA GGA CAA AAA GC
 Vβ4 GAT ATG CGA ACA GTA TCT AGG C
 Vβ5.1 ACA TAA TCA AAG GAA AGG GAG AA

2.
 Vβ6 TCC TGA TTG GTC AGG AAG GGC AA
 Vβ7 TAC CTG ATC AAA AGA ATG GGA GA
 Vβ8.1 ATA ACC ATG ACA ATA TGT ACT GG
 Vβ8.2 ATA ACC ACA ACA ACA TGT ACT GG
 Vβ8.3 ATA GCC ACA ACT ACA TGT ACT GG

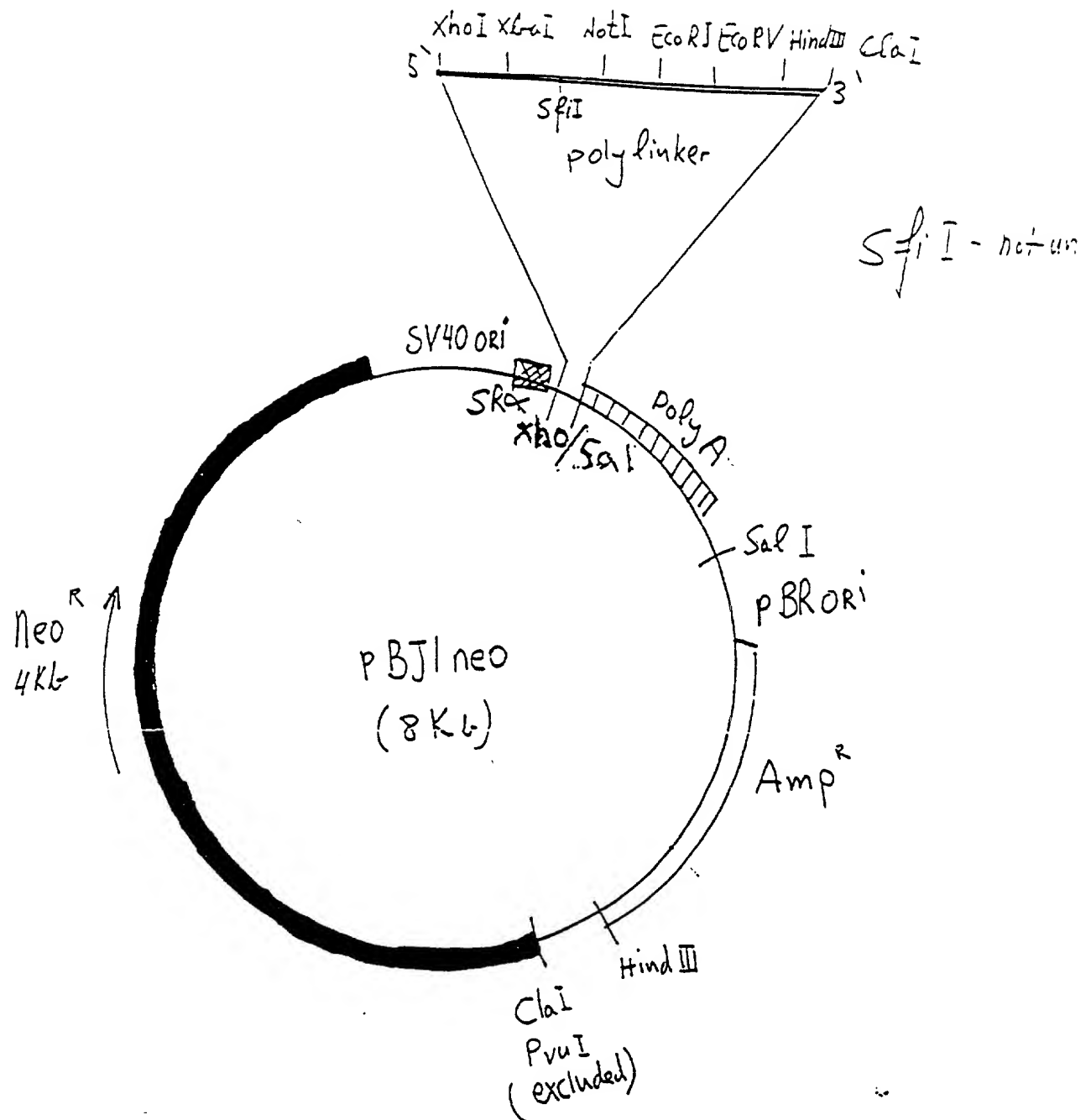
3.
 Vβ9 AGC TTG CAA GAG TTG GAA AAC CA
 Vβ10 GAT TAT GTT TAG CTA CAA TAA TA
 Vβ11 ACA AGG TGA CAG GGA AGG GAC AA
 Vβ12 ACC TAC AGA ACC CAA GGA CTC AG
 Vβ13 CAG TTG CCC TCG GAT CGA TTT TC

4.
 Vβ14 GCC GAG ATC AAG GCT GTG GGC AG
 Vβ15 AGA ACC ATC TGT AAG AGT GGA AC
 Vβ16 CAT CAA ATA ATA GAT ATG GGG CA
 Vβ17 GTA GTC CTG AAA AAG GGC ACA CT
 Vβ18 CAT CTG TCA AAG TGG CAC TTC A

[illegible]

FIG 7B

[illegible]



Ref:

pBJ1neo - MCB 8: 466, 1988

Polylinker - Science, 249: 677, 1990

